

FIG. 1

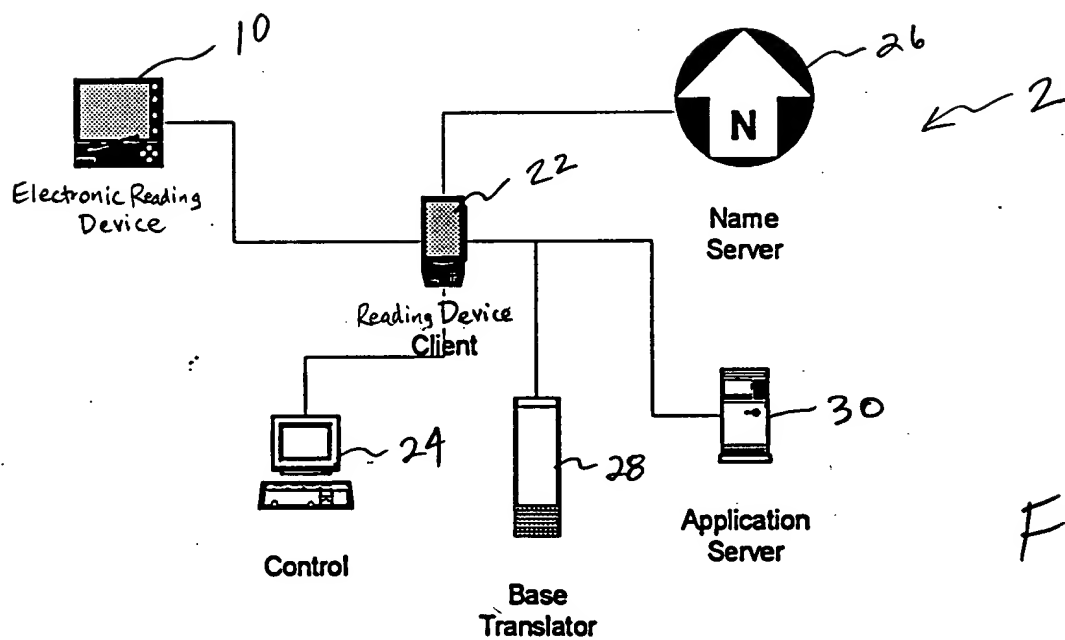


FIG. 2

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|                |
|----------------|
| Electronic Pen |
| WSP Client     |
| (WTP)          |
| UDP/IP         |
| ...            |

|                       |
|-----------------------|
| Electronic Pen Client |
| WSP Server            |
| (WTP)                 |
| UDP/IP                |
| ...                   |

FIG. 3

|                |
|----------------|
| Electronic Pen |
| WSP Client     |
| (WTP)          |
| UDP/IP         |
| ...            |

|        |             |
|--------|-------------|
| WAP GW |             |
| WSP GW | HTTP Client |
| (WTP)  |             |
| UDP/IP | TCP/IP      |
| ...    | ...         |

|                          |
|--------------------------|
| Electronic<br>Pen Client |
| HTTP Server              |
| TCP/IP                   |
| ...                      |

FIG. 4

|            |
|------------|
| Client     |
| WSP Client |
| (WTP)      |
| UDP/IP     |
| ...        |

|        |             |
|--------|-------------|
| WAP GW |             |
| WSP GW | HTTP Client |
| (WTP)  |             |
| UDP/IP | TCP/IP      |
| ...    | ...         |

|                   |
|-------------------|
| Supporting Entity |
| HTTP Server       |
| TCP/IP            |
| ...               |

FIG. 5

|               |
|---------------|
| <b>Client</b> |
| HTTP Client   |
| TCP/IP        |
| ...           |

|                   |
|-------------------|
| Supporting Entity |
| HTTP Server       |
| UDP/IP            |
| ...               |

FIG. 6

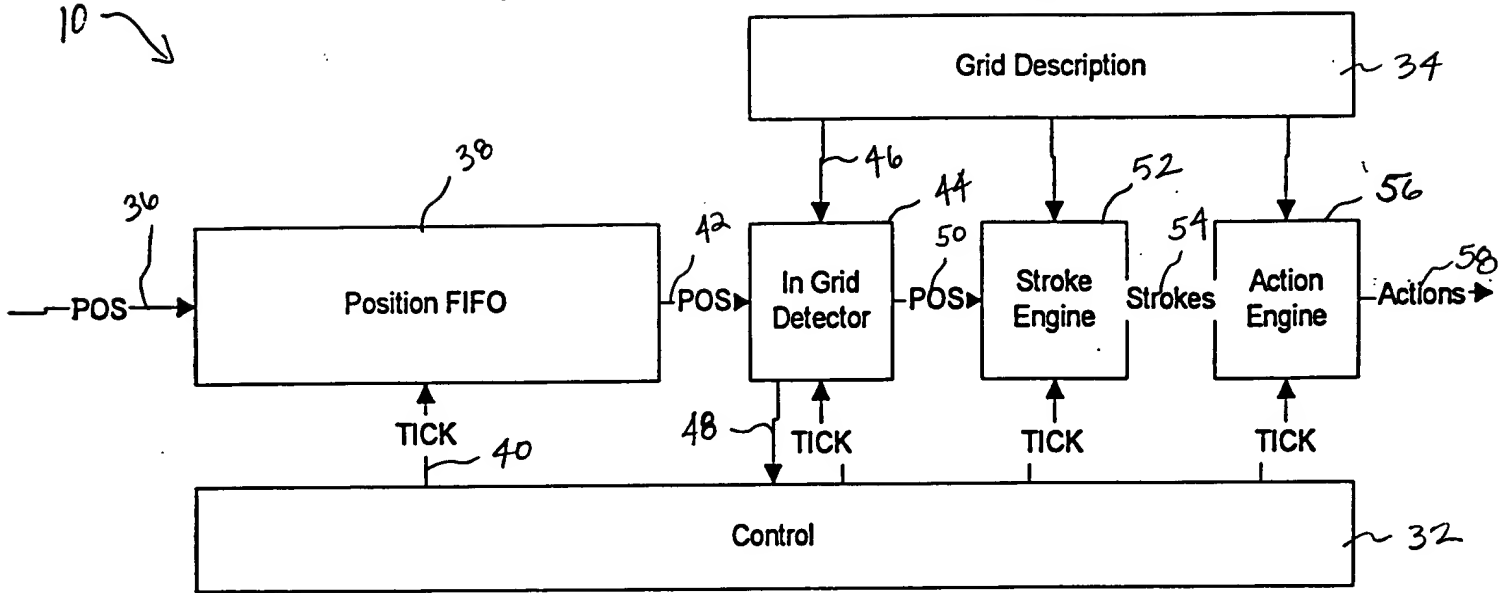


FIG. 7

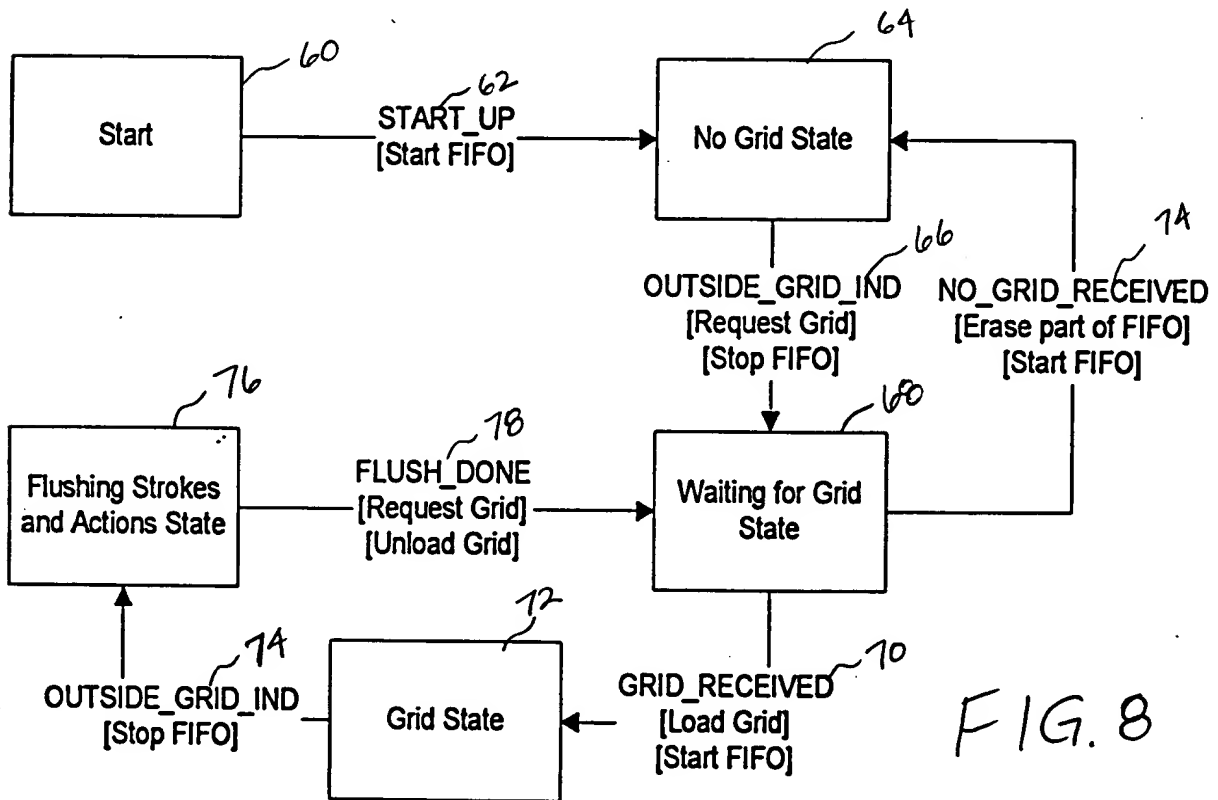


FIG. 8

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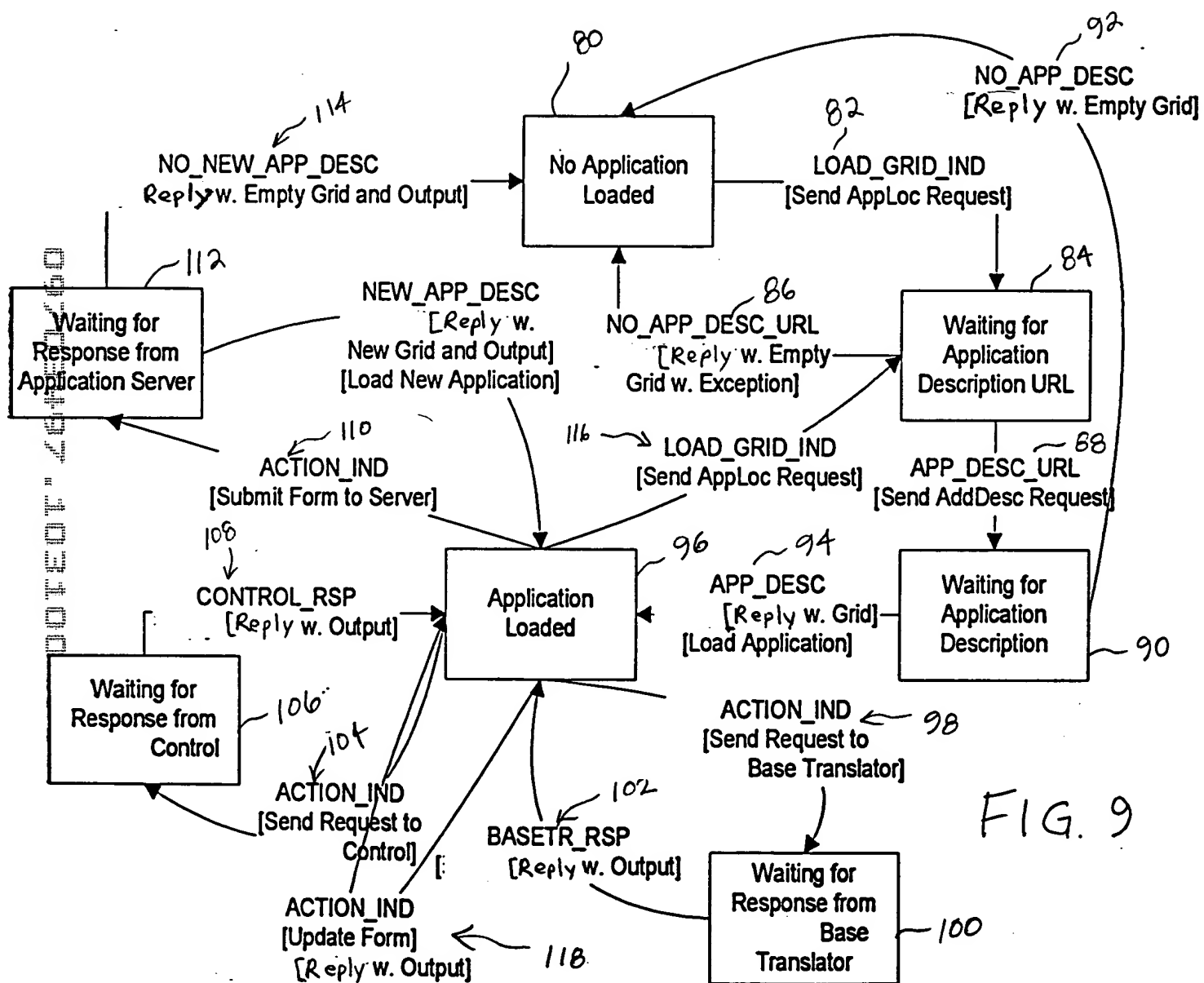


FIG. 9

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sequenceDiagram
    participant EP as Electronic Pen 10
    participant EPC as Electronic Pen Client 22
    participant NS as Name Server 26
    participant AS as Application Server 30
    participant BT as Base Translator 28
    participant CS as Control Server 24

    Note over EP: Detect Position on Address Pattern 120
    EP->>EPC: New Grid Request [Pos] 122
    EPC->>NS: App Loc Request [Pos] 124
    Note over NS: Translate Position Into URL 126
    NS->>EPC: App Loc Reply [URL] 128
    EPC->>AS: App Desc Request [PenID] 130
    Note over AS: Retrieve Application Description 132
    AS->>EPC: App Desc Reply [App Desc] 134
    Note over EPC: Parse and Store Application Description 136
    EPC->>EP: New Grid Reply [Grid Desc] 138
    Note over EP: Store Grid Description 140
    Note over EP: Generate Strokes 142
    Note over EP: Generate Actions 144
    EP->>EPC: Action Request [Action] 146
  
```

The diagram illustrates the system architecture and the sequence of operations. The components involved are the Electronic Pen (10), Electronic Pen Client (22), Name Server (26), Application Server (30), Base Translator (28), and Control Server (24). The process begins with the Electronic Pen detecting a position on an address pattern (120). It then sends a New Grid Request [Pos] (122) to the Electronic Pen Client. The client sends an App Loc Request [Pos] (124) to the Name Server, which translates the position into a URL (126). The Name Server then sends an App Loc Reply [URL] (128) back to the client. The client sends an App Desc Request [PenID] (130) to the Application Server, which retrieves the application description (132). The Application Server sends an App Desc Reply [App Desc] (134) back to the client. The client then parses and stores the application description (136). Finally, the client sends a New Grid Reply [Grid Desc] (138) back to the Electronic Pen. The pen then stores the grid description (140), generates strokes (142), generates actions (144), and sends an Action Request [Action] (146) back to the client.

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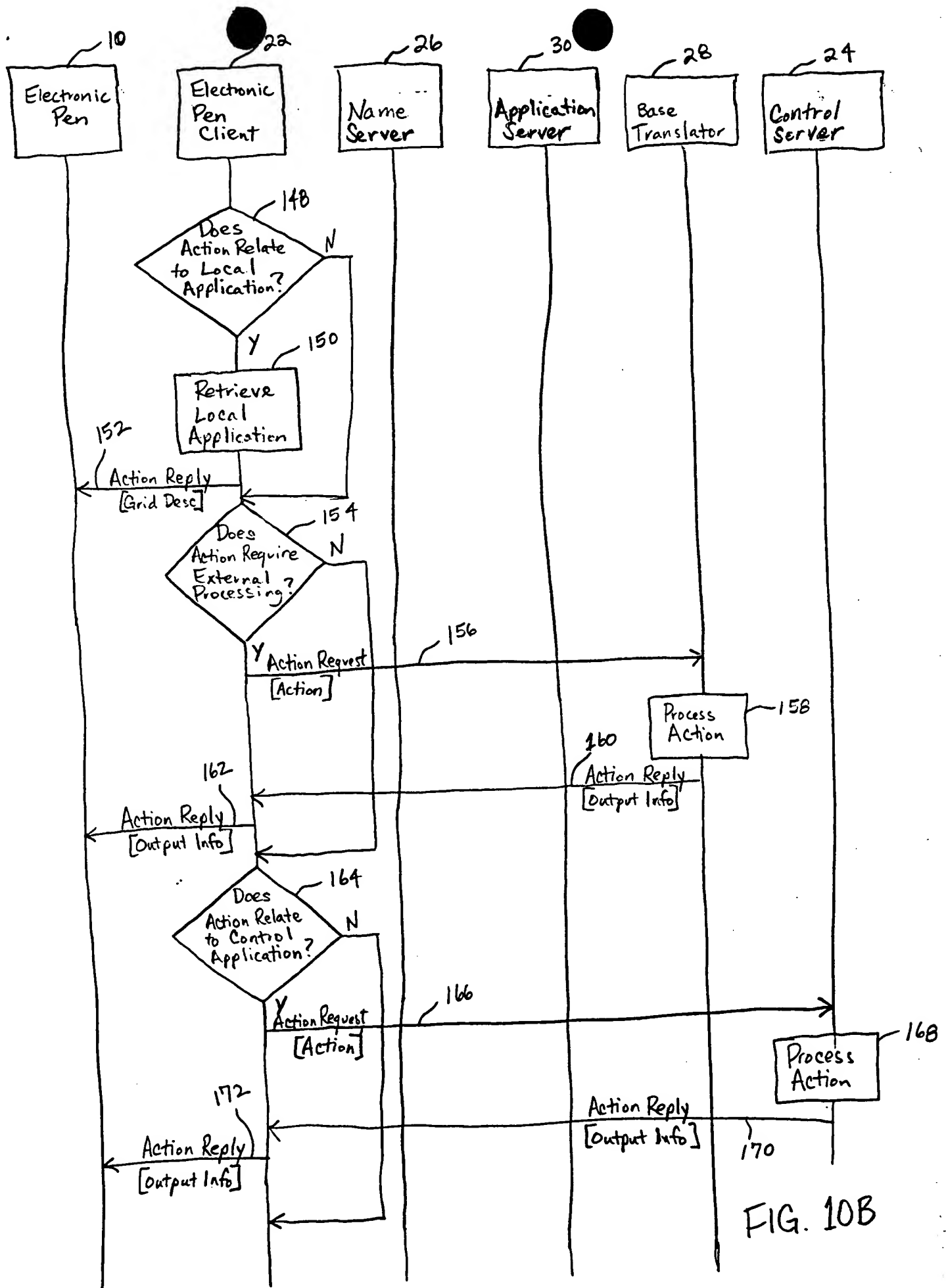


FIG. 10B

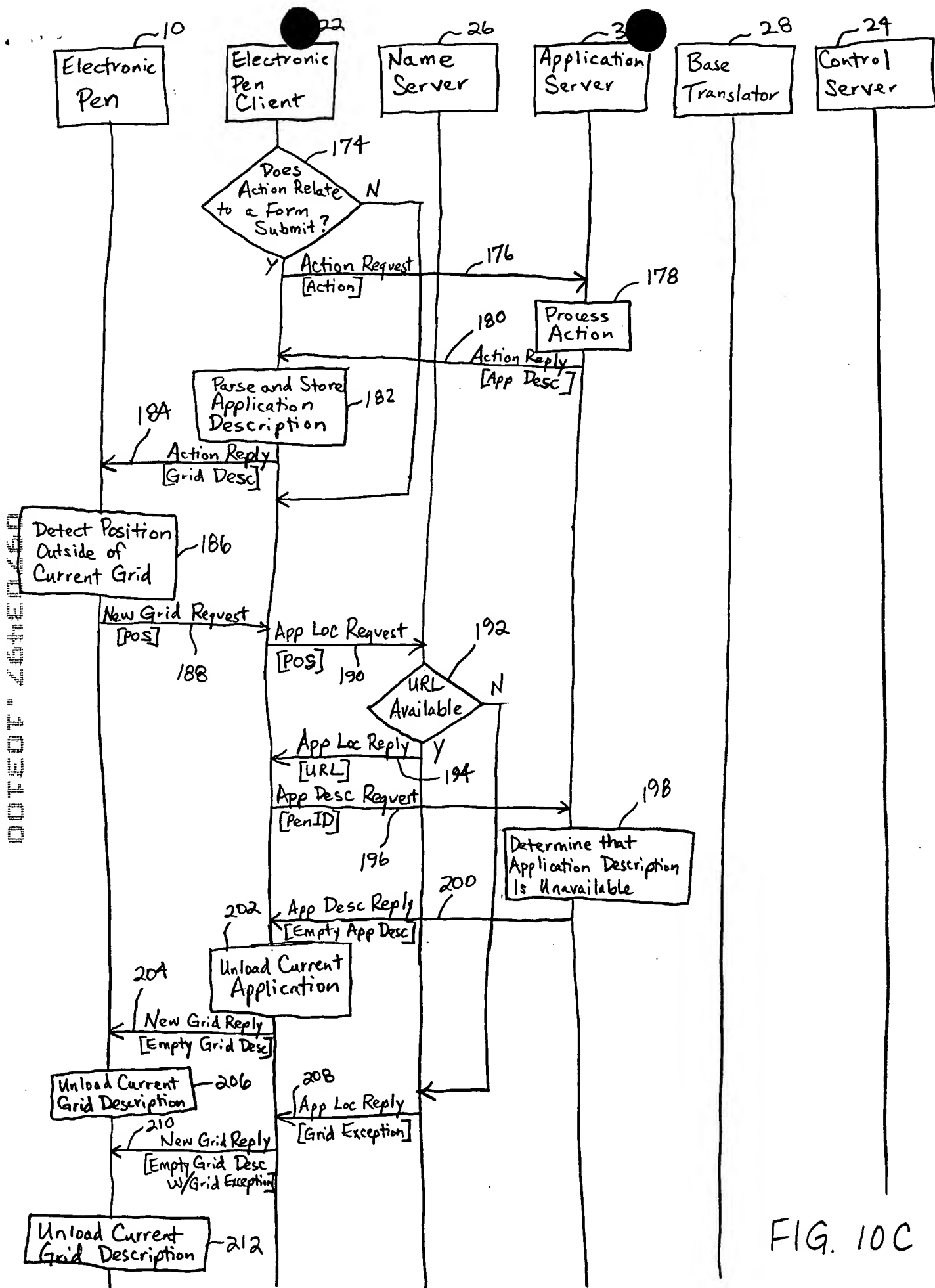


FIG. 10C

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REUSABLE CALENDAR ENTRY SHEET (PLEASE NO INK)

← 220

DATE: 222  
Day Mo. Yr.

|      | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|------|--------|---------|-----------|----------|--------|----------|--------|
| 0800 |        |         |           |          |        |          |        |
| 1000 |        |         |           |          |        |          |        |
| 1200 |        |         |           |          |        |          |        |
| 1400 |        |         |           |          |        |          |        |
| 1600 |        |         |           |          |        |          |        |
| 1700 |        |         |           |          |        |          |        |

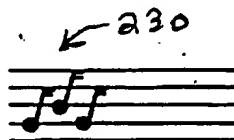
← 224

FIG. 11

REUSABLE PHONE SETTINGS ENTRY SHEET (PLEASE NO INK)

← 226

Ring Volume  228

Ring Melody  ← 230

Greeting ← 232

Phone Memory:

NAME

NUMBER ← 234

FIG. 12



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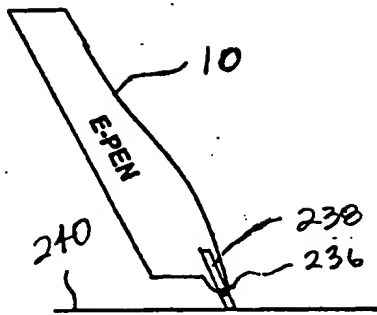


FIG. 13A

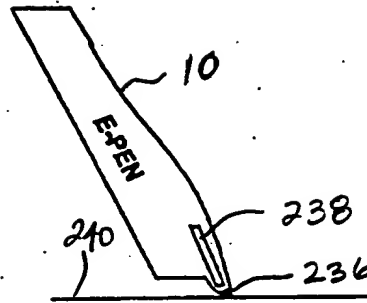


FIG. 13B